A

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

DIVISION: BYATARAYANAPURA

SUB DIVISION: VIDYARANYAPURA

Name of Work: *Estimate for Construction of SSM Retaining Wall and BS Slab Drain at Naidu Layout Gudde Side in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.*

Estimated Cost: Rs. 10.00 Lakhs

BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Construction of SSM Retaining Wall and BS Slab Drain at Naidu Layout Gudde Side in Ward No. 11 Kuvempunagara, Vidyaranyapura Sub Division.**

								Estimate Cost:	1000000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRRB 300-2. Earth work excavation by manual means in hard soil involving an average horizontal throw upto 2 meters and an average lift upto 0.5m, excavated surface leveled and sides neatly dressed, the disposed earth to be leveled neatly after breaking of clods complete as per specifications complete as per specifications MORTH chapter 3. **Page No. 152 / Item No. 19.2 / PWD SR 2013-14**	Cum							
	SSM Drain		1	68.00	2.00	1.45	197.20		
	BS Slab Drain		1	60.00	0.75	0.75	33.75		
							230.95	90.72	**20952.00**
	Basic Rate	84.00							
	Area Weightage @8%	6.72							
	Total	**90.72**							
2	Providing granite slabs of selected quality roughly dressed and fixed in cement mortar(1:6) including fixing curing etc, complete7.5 cms thick **Page No. 28 / Item No. 5.31.1 / PWD SR 2013-14**	Sqm							
	ForBS Slab Drain		1	60.00		1.80	108.00		
							108.00	343.44	**37092.00**
	Basic Rate	318.00							
	Area Weightage @ 8%	25.44							
	Total	**343.44**							
3	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix M7.5 with OPC cement @ 180 Kgs** using **40mm** and down size graded granite metal, corse aggregates @ 0.85 cum and fine aggregtes @ 0.58cum machine mixed, concrete laid in layers not exceeding 15 cms thick, well compacted, **in foundation and plinth**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2 **Page No. 12 /Item No. 4.3 PWD SR - 2013-14**	Cum							
	SSM Drain		1	68.00	1.80	0.15	18.36		
							18.36	4290.84	**78780.00**
	Basic Rate	3973.00							
	Area Weightage @ 8%	317.84							
	Total	**4290.84**							

Sl No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
4	KSRB 5.4-3: Providing and constructing granite / trap / basalt size stone masonry in **superstructure with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications.KBS 5-1.13 **Page No. 26 / Item No. 5.12/ PWD SR 2013-14**	Cum							
	SSM Drain Raising Wall		1	68.00	0.60	3.00	122.40		
			2	68.00	0.60	0.70	57.12		
							179.52	4423.68	**794139.00**
	Basic Rate	4096.00							
	Area Weightage @ 8%	327.68							
	Total	**4423.68**							
5	KSRB 15.1.3: Providing ruled pointing to coursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications. **Page No. 122 / Item No. 15.3 / PWD SR 2013-14**	Sqm							
	SSM Drain		2	68.00		1.15	156.40		
							156.40	77.76	**12162.00**
	Basic Rate	72.00							
	Area Weightage @ 8%	5.76							
	Total	**77.76**							
6	KSRB 4-1.6 : Providing and laying in position plain cement concrete of **mix M15 with cement @ 240 kgs with 20mm** and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum, machine mixed, concrete laid in layers not exceeding 15cms, thick, well compacted, in foundation, plinth and cills, including cost of all materials, labour, HOM of machinery, curing complete as per specifications, specification. No. KBS 4.1,4.2. **No. 12 / Item No. 4.6 / PWD SR 2013-14**	Cum							
	SSM Drain		2	68.00	0.60	0.10	8.16		
							8.16	4779.00	**38997.00**
	Basic Rate	4425.00							
	Area Weightage @ 8%	354.00							
	Total	**4779.00**							
7	Lead for Disposal of Debris shall be payable at carriage rates by Mechanical means inlcuding loading and unloading. From 0.00 to 2.00 Km (Page No.123)	Cum							
			Vide Item No. 1				**103.93**	72.71	**7556.00**
	Basic rate for haulage of materials as per item no.17.4 page 141) Rs. 2.00								
	Average weight of earth 1.28 tonne / kg for 2X1.28X2.00=5.12	5.12							
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Add loading and unloading Vide item no.17.1 P.no.141	62.20							
		67.32							
	Area Weightage @ 8%	5.39							
	Total	**72.71**							
									10,000=00
	For Third Part QC Inspection Charges @ 1% of Estimate Cost								**15000.00**
8	Miscellaneous and other Charges	L/S						322-0	**556.00**
								Total	**1500000.00**
	(Rs. ~~Fifteen~~ Ten Lakhs Only)								10,00,000=00

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per P.W.D S.R of 2013-14.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidyaranyapura Sub Division

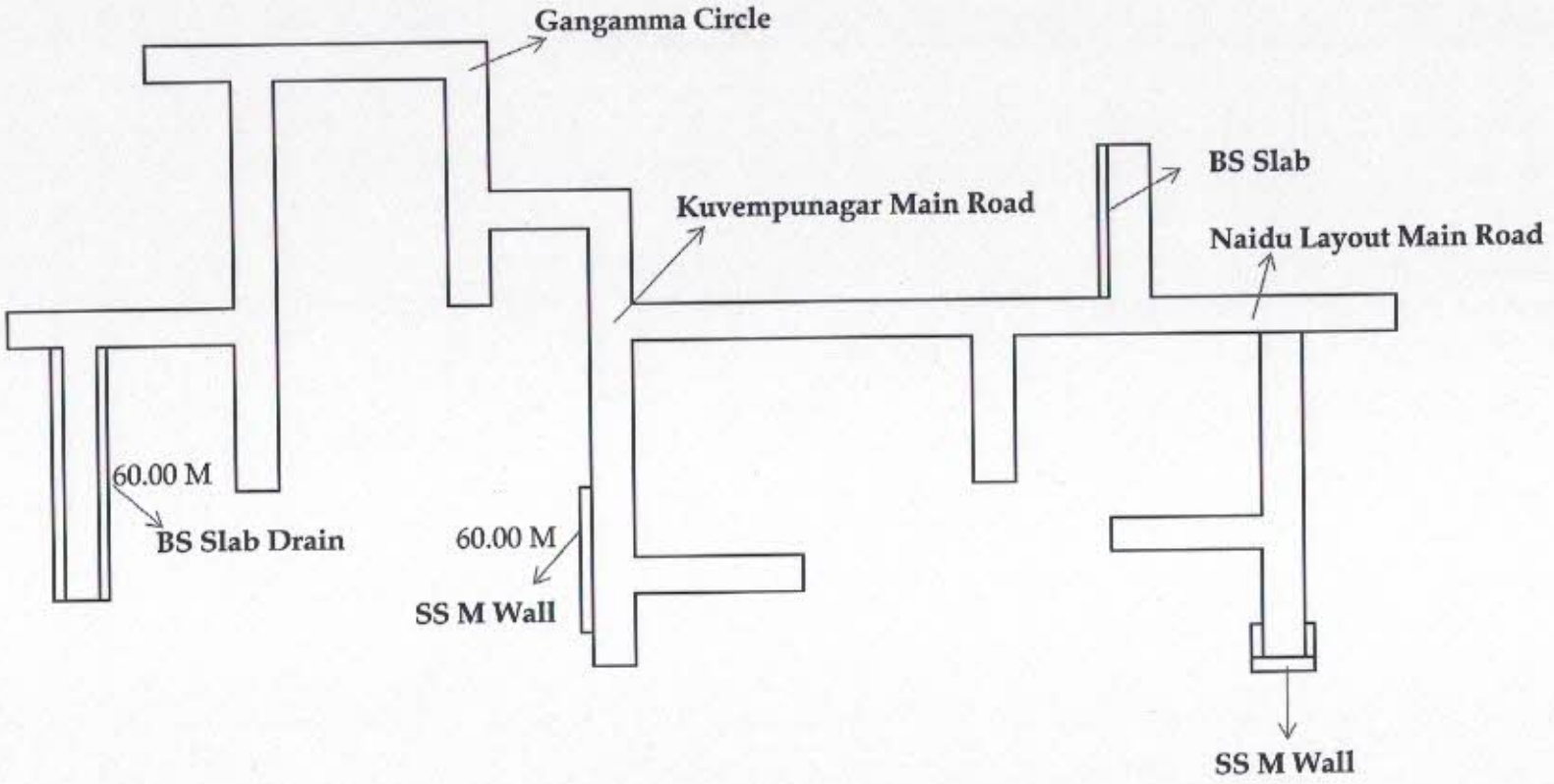
Executive Engineer 14/12/2013
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

Technical Sanction for Rs. 10,00,000/- Ten lakhs only
Registered as EE No: 207/13-14 Dated..... Subject to conditions contained enclosed memo.
No: 207/13-14 Dt. 23/12/13
AEE/JE EE (BTP.Div.)

ADMINISTRATIVELY SANCTIONED FOR Rs. 10,00,000/-
Rupees Fifteen lakhs Ten only/-
Under
Registered as EE ( ) No 9....9....
Subject to conditions contained in enclosed memo EE ( ) No /9/...
Dt Estimate A/Sanctioned
Addcom(4)A:S No 665/13-14
dated 23.12.13 Rs 15.00

Joint Commissioner
(Yelahanka Zone)
BBMP, Bengaluru-92

Construction of SSM Retaining Wall and BS Salb Drain at Naidu Layout Gudde Side in Ward No.11
Kuvempunagara Vidyaranyapura Sub Division



Junior Engineer
Ward No. 11

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ,
ಯಲಹಂಕ ವಲಯ,
ಬೃ. ಬೆಂ. ಮ. ಸಾ. ಬೆಂಗಳೂರು-97.